

National Aeronautics and
Space Administration

Lyndon B. Johnson Space Center
2101 NASA Parkway
Houston, Texas 77058-3696



September 9, 2010

Reply to Attn of : NE141-10-336

TO: EA3/AMS-02 Project Manager

FROM: NE/Executive Officer, Payload Safety Review Panel

SUBJECT: Alpha Magnetic Spectrometer-02 (AMS-02) Delta Phase III Hazard Report (HR) Approval

Refer to your data provided by your representative on August 5, 2010 and August 6, 2010. AMS-02 HRs have been approved out-of-board by Mr. M. R. Surber, Chair, Payload Safety Review Panel, on August 6, 2010 and August 20, 2010. The signed HRs (see chart below), are enclosed for your retention.

| HR Number: | HR Title: |
|----------------|---|
| STD-AMS-02-F02 | Flight Payload Standardized Hazard Report – Interior Elements |
| AMS-02-F02 | Toxic Material Offgassing |
| AMS-02-F04 | Overpressurization of Orbiter Payload Bay |
| AMS-02-F08 | Electric Shock/Discharge |
| AMS-02-F11 | Mechanism Failure |
| AMS-02-F12 | Mate/Demate of Connectors |
| AMS-02-F14 | EVA/EVR Hazards |
| AMS-02-F16 | Shatterable Material Release |
| AMS-02-F18 | Rapid Safing/Payload Reconfiguration |
| AMS-02-F20 | Crew Exposure to Coherent Light |

Please direct any questions to Mr. P. Mensingh, telephone (281) 335-2363, Mr. R. Rehm, telephone (281) 335-2364, or Ms. K. Chavez, telephone (281) 335-2374, at Mail Code NA2450.


Dean W. Moreland

Enclosures

cc:
See List

cc: (*h/c memo and encl.)

CB/J. Rickard

DA8/B. W. Christen

EA44/L. C. Benal

EP5/J. A. Jeevarajan

NE/M. Fodroci

OE/R. W. Guidry

OE/P. L. Mitchell

OE/D. W. Moreland

OE/M. R. Surber

OE/N. Vassberg

OE/S. L. Wolf

SF/R. L. Spann

MSFC/VP35/J. E. Johnson

NA2450/SAIC/M. L. Mudd*

NA2450/SAIC/K. Chavez

NA2450/SAIC/P. Mensingh

NA2450/SAIC/S. Nash

NA2450/SAIC/R. Rehm

NA2450/SAIC/T. Wong

Wyle/HEF/37A/H. Garcia

Wyle/HEF/37A/C. Lam

Wyle/HEF/37A/R. Ramanathan